

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP/10474

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 E21B47/022 E21B47/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 320 180 A (RULEY DAVID A ET AL) 14 June 1994 (1994-06-14) column 2, line 27 - line 34	1,9, 13-15
Y	column 4, line 35 - line 37	2-8,16, 17
A	column 5, line 1 - line 9; figure 3 ---	10-12
Y	US 5 795 991 A (PUTTMAN FRANZ-JOSEF ET AL) 18 August 1998 (1998-08-18) abstract ---	2,3
Y	EP 0 520 733 A (CAMCO DRILLING GROUP LTD) 30 December 1992 (1992-12-30) column 3, line 32 - line 41 ---	4
Y	US 5 964 294 A (HUBER KLAUS B ET AL) 12 October 1999 (1999-10-12) column 1, line 37 - line 65 ---	5-8
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

2 December 2003

17/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 014 795 A (GIBSON PAUL N) 14 May 1991 (1991-05-14) the whole document -----	1-17

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